

- (a) **Amendments to the Specification:** begin on page 2 of this paper.
- (b) **Amendments to the Claims:** begin on page 3 of this paper.
- (c) **Remarks / Arguments:** begin on page 3 of this paper.
- (d) **An Appendix:** containing the “Brief Summary of the Invention” on separate pages is attached for the Examiner’s convenience following page 4 (i.e., at pages 5-6) of this paper.

A Petition for Extension of Time Under 37 CFR 1.136(a) FY 2005 and associated check accompanies this *Amendment*.

Application No. 10/697,671
Amendment dated November 12, 2004
Prepared in reply to Office Action of June 11, 1004

Amendment to the Specification:

Please insert the following “Brief Summary of the Invention” to the specification immediately after the section entitled “Background of the Invention”:

--BRIEF SUMMARY OF THE INVENTION

A real-time path-directed controller for navigating an object (such as an agricultural vehicle plowing a field) along a desired path is disclosed.

The controller comprises a position sensor which receives signals, such as global positioning system (i.e., “GPS”) signals, which identify its position. In conceptual terms, these signals of position are compared frequently by the controller to the desired path of the object (e.g., the vehicle) so that the controller can generate control signals which direct / navigate the object along its desired path.